

Notice of Allowability

Application No.

10/659,106

Examiner

Le H. Luu

Applicant(s)

PIK ET AL.

Art Unit

2141

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to papers filed on 12/07/07.
2. ☒ The allowed claim(s) is/are 4,7-11,14,17-23,26-28 and 34-38.
3. ☒ The drawings filed on 09 September 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 20080104.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

LE HIEN LUU
PRIMARY EXAMINER

1. An Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 C.F.R. § 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the Issue Fee.

2. Authorization for this Examiner's Amendment was given in a telephone interview with Mr. Carl A. Kukkonen on January 03, 2008 to amend claims 11 and 36 to obviate 35 USC 101 Non-Statutory rejections, and amend claim 17 to fix typographical error.

3. Please amend claims 11, 17, and 36 as stated below:

-- 11. (Currently Amended) An article comprising a tangible machine-readable storage medium storing instructions operable to cause one or more machines to perform operations comprising:

storing, in a shared memory of a client, a scripting object that retains state information for an original document, the storing comprising copying a reference to the scripting object to the shared memory to cause retention of the scripting object by the client during document loading, the copying comprising selecting the shared memory based on the original document and copying the reference to the scripting object to the selected shared memory, the selecting the shared memory comprising selecting a parent document memory space in a browser if the original document is a frame in the parent document; and

in response to a request to reload a new document, the new document being previously loaded, cloning the stored scripting object to the new document by creating a

new scripting object in the new document and copying data from the stored scripting object to the new scripting object.

17. (Currently Amended) The article of claim ~~13~~ 11, wherein the request to load the new document comprises a client event triggered by a user.

36. (Currently Amended) An article comprising a tangible machine-readable storage medium storing instructions operable to cause one or more machines to perform operations comprising:

storing, in a shared memory of a client, a scripting object that retains state information for an original document, the storing comprising copying a reference to the scripting object to the shared memory to cause retention of the scripting object by the client during document loading, the copying comprising selecting the shared memory based on the original document and copying the reference to the scripting object to the selected shared memory, the selecting the shared memory comprising selecting a memory space of another browser instance that is related to the original document if the original document is a top level in the browser; and

in response to a request to reload a new document, the new document being previously loaded, cloning the stored scripting object to the new document by creating a new scripting object in the new document and copying data from the stored scripting object to the new scripting object.

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4. Pursuant to MPEP 606.01, the title has been changed to read:

-- A SYSTEM FOR PRESERVING SCRIPTING OBJECTS AND CLONING
THE OBJECTS TO A NEW DOCUMENT IN RESPONSE TO A RELOAD
OF THE NEW DOCUMENT --

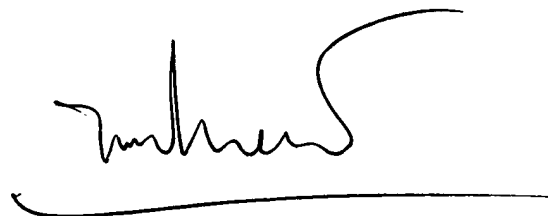
5. Examiner interprets the limitation "computer-readable storage medium" as a device that stores computer instructions and participates in providing the computer instructions to a computer processor for execution. The computer-readable storage medium includes non-volatile media, volatile media, computer storage devices and memories. For example, optical or magnetic disks, ROMs, PROMs, EPROMs, EEPROMs, RAM, hard disks, CDs, DVDs. The "computer-readable storage medium" does not include acoustic or electromagnetic waves, such as those generated during radio-wave, infra-red, and optical data communications.

6. Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Le H. Luu whose telephone number is 571-272-3884. The examiner can normally be reached on 7:00am - 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia can be reached on 571-272-3880. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Le Hien Luu', with a long horizontal line extending from the end of the signature.

LE HIEN LUU
PRIMARY EXAMINER